

REMARKS

This is a full and timely response to the outstanding non-final Office Action mailed June 5, 2003. Allowance of the application and presently pending claims 20-38 is respectfully requested.

1. Present Status of Patent Application

Upon entry of this Amendment, claims 20-38 will be pending in the present application. More specifically, claims 25-38 have been newly added, and claims 1-19 are canceled without prejudice, waiver, or disclaimer. It is believed that the foregoing amendments add no new matter to the present application.

2. Claim Rejections under 35 U.S.C. §102

Claims 20 and 22-24 were rejected under 35 U.S.C. 102(b) as allegedly being anticipated by *Neuteboom et al.* Applicants respectfully traverse these rejections. For a proper rejection of a claim under 35 U.S.C. Section 102(b), the cited reference must disclose all elements/features/steps of the claim. See, e.g., *E.I. du Pont de Nemours & Co. v. Phillips Petroleum Co.*, 849 F.2d 1430, 7 USPQ2d 1129 (Fed. Cir. 1988).

Independent Claim 20

Claim 20 is allowable for at least the reason that it includes the limitation "where the first resistor is coupled between the anode and the second resistor," which is not taught, suggested, or disclosed in the cited references.

Dependent Claims 22-24

Claims 22-24 are allowable for at least the reason that they each depend from independent claim 20, which was shown to be allowable over the cited references. *In re Fine*, 837 F.2d 1071, 5 U.S.P.Q.2d 1596, 1600 (Fed. Cir. 1988).

3. Claim Rejections under 35 U.S.C. §103

Claim 21 was rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over *Neuteboom* in view of *Can.* Applicants respectfully traverse this rejection. Dependent claim 21 is allowable for at least the reason that it depends from independent claim 20, which was shown to be allowable over the cited references. *In re Fine*, 837 F.2d 1071, 5 U.S.P.Q.2d 1596, 1600 (Fed. Cir. 1988).

4. Newly Added Claims

Claims 25-38 have been newly added. It is not believed that these claims (25-38) add new matter to the present application.

Independent Claim 25

Claim 25 is allowable for at least the reason that it includes the limitations “a transistor having an emitter, a collector, and a base, wherein the base is coupled to the collector, and wherein the emitter is coupled to ground” and “a first resistor and a second resistor, wherein the first resistor is coupled between the collector and the second resistor, and wherein the second resistor is coupled between the first resistor and ground,” which are not taught, suggested, or disclosed in the cited references.

Dependent Claims 26-38

Claims 26-38 are allowable for at least the reason that they each depend (directly or indirectly) from independent claim 25, which was shown to be allowable over the cited references.

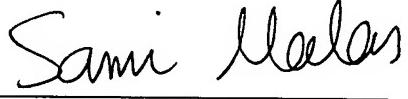
CONCLUSION

In light of the foregoing amendments, and for at least the reasons set forth above, Applicants respectfully submit that all rejections have been traversed, rendered moot, and/or accommodated, and that the pending claims 20-38 are in condition for allowance. Favorable reconsideration and allowance of the present application and all pending claims are hereby courteously requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned attorney at (770) 933-9500.

Respectfully submitted,

**THOMAS, KAYDEN,
HORSTEMEYER & RISLEY, L.L.P.**

By:


**Sami O. Malas
Reg. No. 44,893**

100 Galleria Parkway N.W.
Suite 1750
Atlanta, Georgia 30339
(770) 933-9500